## **Intellectual Property Docket Administrator**

## Gibbons, Del Deo, Dolan, Griffinger & Vecchione

## One Riverfront Plaza, Newark, New Jersey 07105-5497

If there are any fees due in respect to this amendment, please charge them to Deposit Account No. 03-3839. Telephone calls should be made to David R. Padnes at Gibbons, Del Deo, Dolan, Griffinger & Vecchione at 973-596-4671.

Respectfully submitted,

David R. Padnes. Reg. No. 29,384

**Attorney For Applicants** 

Intellectual Property Docket Administrator Gibbons, Del Deo, Dolan, Griffinger & Vecchione One Riverfront Plaza Newark, NJ 07102-5497

## MARKED UP VERSION

Please replace paragraph [0035] with the following paragraph.

[0035] Complex metal hydrides have been found to be useful in the hydrogen generation systems of the present invention. These complex metal hydrides have the general chemical formula MBH<sub>4</sub>. M is an alkali metal selected from Group 1 (formerly Group IA) or Group 2 (formerly Group IIA) of the periodic table, examples of which include lithium, sodium, potassium, magnesium, or calcium. M may, in some cases, also be ammonium or organic groups. B is an element selected from group 13 (formerly Group IIIA) of the periodic table, examples of which include boron, aluminum, and gallium. H is hydrogen. Examples of metal hydrides to be used in accordance with the present invention include, but are not limited to, NaBH<sub>4</sub>, LiBH<sub>4</sub>, KBH<sub>4</sub>,  $Mg(BH_4)_2$ ,  $Ca(BH_4)_2$ ,  $NH_4BH_4$ ,  $(CH_3)_4NH_4BH_4$ ,  $(CH_3)_4NBH_4$ ,  $NaAlH_4$ ,  $LiAlH_4$ ,  $KAlH_4$ , NaGaH<sub>4</sub>, LiGaH<sub>4</sub>, KGaH<sub>4</sub>, and mixtures thereof. Without wanting to be limited by any one theory, it is believed that metal hydrides, especially borohydrides, are most stable in water at basic pH's, i.e., the metal hydrides do not readily decompose when in contact with water at high The following borohydrides are preferred: sodium borohydride (NaBH<sub>4</sub>), lithium pH's. borohydride (LiBH<sub>4</sub>), potassium borohydride (KBH<sub>4</sub>), ammonium borohydride (NH<sub>4</sub>BH<sub>4</sub>), tetramethyl ammonium borohydride ((CH<sub>2</sub>)<sub>4</sub>NH<sub>4</sub>BH<sub>4</sub>)(CH<sub>3</sub>)<sub>4</sub>NBH<sub>4</sub>, quaternary borohydrides, and mixtures thereof.